

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 1. (Previously Presented): A method of searching unstructured data stored in a
2 database, the method comprising:
3 storing a plurality of electronic records in a common repository of electronic
4 records in the database that provides an audit trail that cannot be altered or disabled by users
5 associated with the database, wherein each electronic record comprises unstructured data stored
6 in a character large-object (CLOB) format in a column of a table of the database;
7 generating one or more security rules in response to input identifying one or more
8 elements in the unstructured data as elements of the one or more security rules;
9 creating a security protocol that protects the electronic records against
10 unauthorized access based on the one or more security rules;
11 creating a query designed to identify electronic records in the database that meet
12 criteria designated in the query;
13 prior to executing the query, modifying the query in accordance with the security
14 protocol to create a modified query; and
15 running the modified query against the unstructured data.

1 2. (Previously Presented): The method of claim 1 further comprising:
2 allowing a user to identify the one or more elements in the unstructured data as
3 indexed elements; and
4 allowing a user to generate the one or more security rules based on the indexed
5 elements.

1 3. (Previously Presented): The method of claim 1 wherein access to electronic
2 records in the common repository is automatically granted unless the security protocol restricts

3 such access and wherein the security protocol comprises a plurality of security rules that restrict
4 access to the electronic records within the database.

1 4. (Previously Presented): The method of claim 1 wherein access to electronic
2 records in the common repository is automatically denied unless the security protocol grants
3 such access and wherein the security protocol comprises a plurality of security rules that grant
4 access to the electronic record within the database.

1 5. (Original): The method of claim 1 wherein the plurality of electronic records
2 are generated from multiple data sources.

1 6. (Previously Presented): The method of claim 5 wherein one or more fields of
2 an electronic record in the plurality of electronic records are filled with XML data based on a
3 predefined mapping of the fields to multiple data sources.

7. (Canceled)

1 8. (Previously Presented): The method of claim 1 wherein the unstructured data
2 comprises well-formed XML documents stored within the column of the table stored in the
3 database.

1 9. (Original): The method of claim 1 further comprising allowing a user to
2 enable and disable the security protocol.

1 10. (Previously Presented): A computer system for searching unstructured data
2 stored in a database, the computer system comprising:

3 a processor;

4 a database; and

5 a computer-readable memory coupled to the processor, the computer-readable
6 memory configured to store a computer program;

7 wherein the processor is operative with the computer program to:

8 (i) store a plurality of electronic records in a common repository of electronic
9 records in the database that provides an audit trail that cannot be altered or disabled by
10 users associated with the database, wherein each electronic record comprises unstructured
11 data stored in a character large-object (CLOB) format in a column of a table of the
12 database;

13 (ii) generate a one or more security rules in response to input identifying one
14 or more elements in the unstructured data as elements of the one or more security rules;

15 (iii) create a security protocol that protects the electronic records against
16 unauthorized access based on the one or more security rules;

17 (iv) create a query designed to identify electronic records in the database that
18 meet criteria designated in the query;

19 (v) modify the query in accordance with the security protocol to create a
20 modified query prior to executing the query; and

21 (vi) run the modified query against the unstructured data.

1 11. (Previously Presented): The computer system of claim 10 wherein the
2 processor is further operative with the computer program to allow a user to identify the one or
3 more elements in the unstructured data as indexed elements; and
4 allow a user to generate the one or more security rules based on the indexed
5 elements.

1 12. (Previously Presented): The computer system of claim 10 wherein the
2 processor is further operative with the computer program to automatically grant access to
3 electronic records in the database unless the security protocol restricts such access and wherein
4 the security protocol comprises a plurality of security rules that restrict access to the electronic
5 records within the database.

1 13. (Previously Presented): The computer system of claim 10 wherein the
2 processor is further operative with the computer program to automatically deny access to
3 electronic records in the database unless the security protocol grants such access and wherein the

4 security protocol comprises a plurality of security rules that grant access to the electronic records
5 within the database.

1 14. (Original): The computer system of claim 10 wherein the plurality of
2 electronic records are generated from multiple data sources.

1 15. (Previously Presented): The computer system of claim 14 wherein one or
2 more fields of an electronic record in the plurality of electronic records are filled with XML data
3 based on a predefined mapping of the fields to multiple data sources.

16. (Canceled)

1 17. (Previously Presented): The computer system of claim 16 wherein the
2 unstructured data comprises well-formed XML documents stored within the column of the table
3 stored in the database.

1 18. (Previously Presented): A computer program product having a computer-
2 readable storage medium storing a set of code modules which when executed by a processor of a
3 computer system cause the processor to search unstructured data stored in a database, the
4 computer program product comprising:

5 code for storing a plurality of electronic records in a common repository of
6 electronic records in the database that provides an audit trail that cannot be altered or disabled by
7 users associated with the database , wherein each electronic record comprises unstructured data
8 stored in a character large-object (CLOB) format in a column of a table of the database;

9 code for generating one or more security rules based on input identifying one or
10 more elements in the unstructured data as elements of the one or more security rules;

11 code for creating a security protocol that protects the electronic records against
12 unauthorized access based on the one or more security rules;

13 code for creating a query designed to identify electronic records in the database
14 that meet criteria designated in the query;

15 code for modifying the query in accordance with the security protocol to create a
16 modified query prior to executing the query; and
17 code for running the modified query against the unstructured data.

1 19. (Previously Presented): The computer program product of claim 18 further
2 comprising:
3 code for allowing a user to identify the one or more elements in the unstructured
4 data as indexed elements; and
5 code for allowing a user to generate the one or more security rules based on the
6 indexed elements.

1 20. (Previously Presented): The computer program product of claim 19 further
2 comprising:
3 code for automatically granting access to electronic records in the database unless
4 the security protocol restricts such access, wherein the security protocol comprises a plurality of
5 security rules that restrict access to the electronic records within the database.

1 21. (Previously Presented): The computer program product of claim 19 further
2 comprising:
3 code for automatically denying access to electronic records in the database unless
4 the security protocol grants such access, wherein the security protocol comprises a plurality of
5 security rules that grant access to the electronic records within the database.

1 22. (Previously Presented): The computer program product of claim 18 wherein
2 the plurality of electronic records are generated from multiple data sources.

1 23. (Previously Presented): The computer program product of claim 18 wherein
2 one or more fields of an electronic record in the plurality of electronic records are filled with
3 XML data based on a predefined mapping of the fields to multiple data sources.

24. (Canceled)

1 25. (Previously Presented): The computer program product of claim 18 wherein
2 the unstructured data comprises well-formed XML documents stored within the column of the
3 table stored in the database.

1 26. (New): A method for searching electronic records stored in a common
2 repository in a database that provides an audit trail that cannot be altered or disabled by users
3 associated with the database, wherein each electronic record comprises a well-formed XML
4 document stored in a character large-object (CLOB) format in a column of a table of the
5 database, the method comprising:

6 receiving input identifying an XML element in at least one XML document as an
7 security element of a security rule;

8 generating a security protocol based on the security rule;

9 receiving a query designed to identify XML documents stored in the database that
10 meet criteria designated in the query;

11 prior to executing the query, modifying the query in accordance with the security
12 protocol to create a modified query; and

13 generating information indicative of executing the modified query against the at
14 least one XML document.